

FIG. 1 (CR-ECS configuration)

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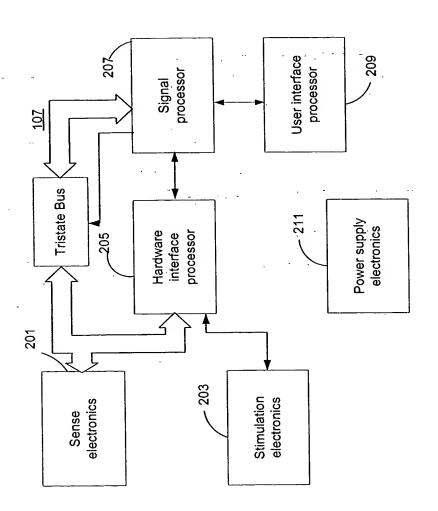
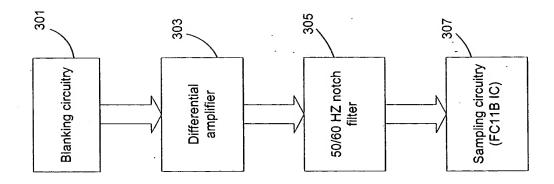


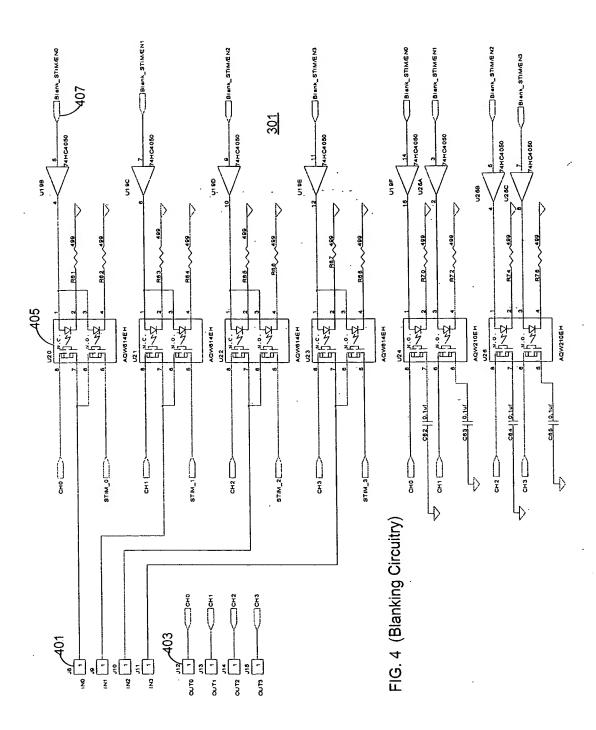
FIG. 2 (Bedside device configuration)

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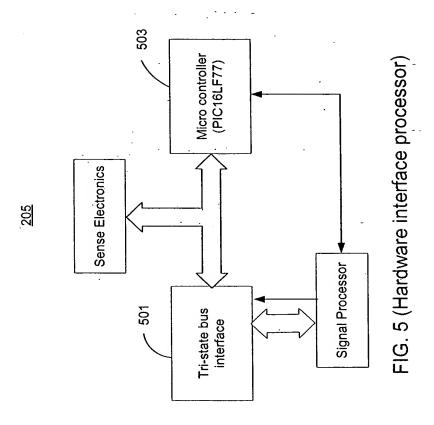
FIG. 3 Sense electronics configuration



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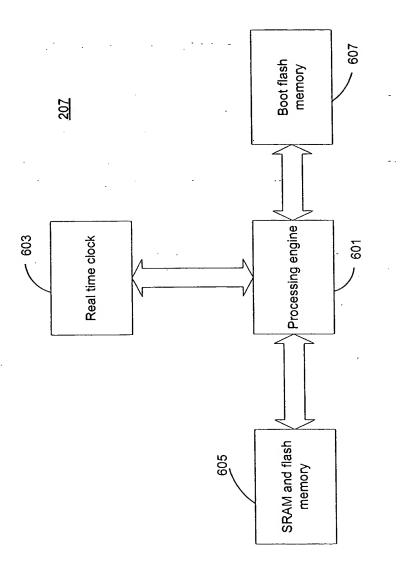
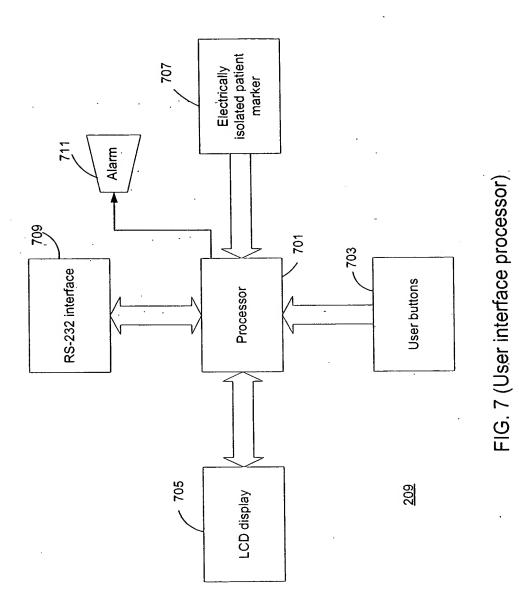


FIG. 6 (Signal processor)



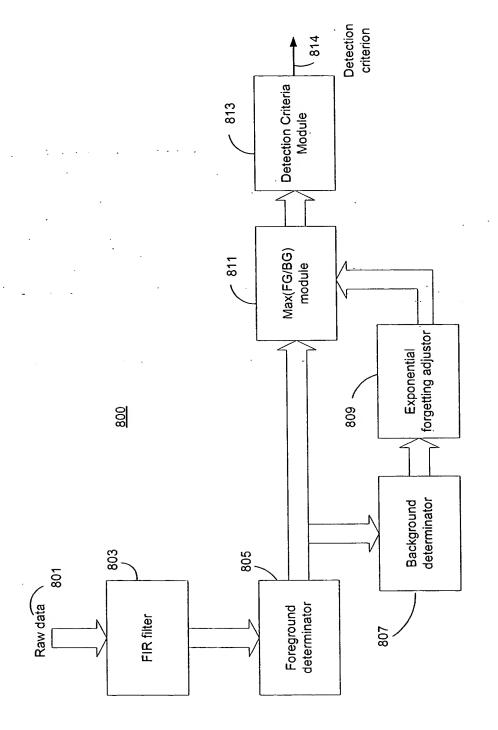
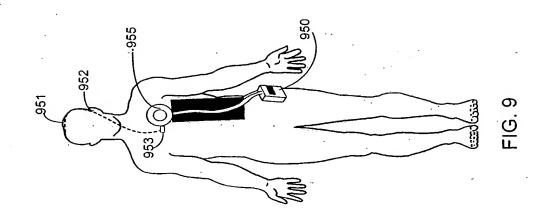


FIG. 8 (Seizure detection algorithm)

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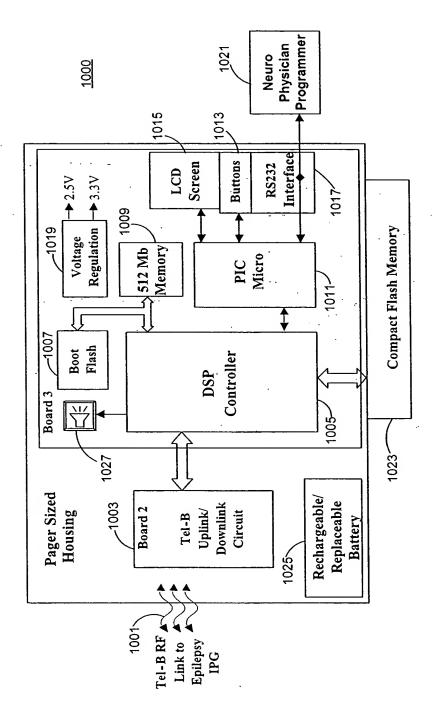


FIG. 10 (Epilepsy external device diagram)

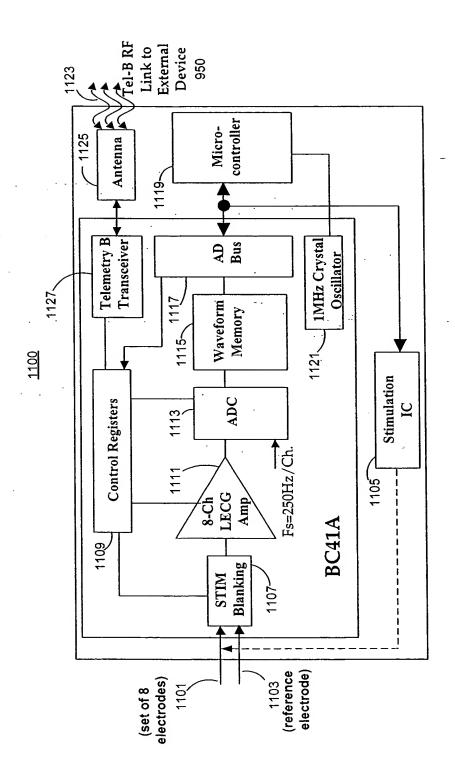
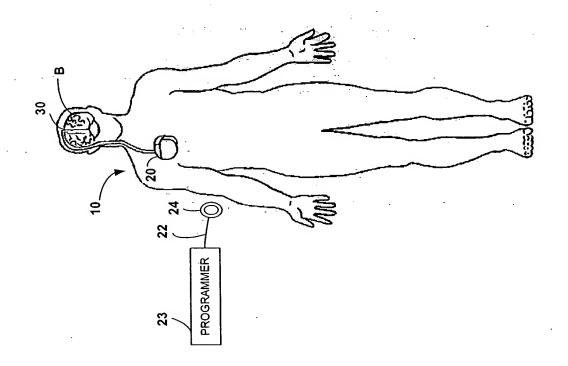


FIG. 11 (Epilepsy implantable device diagram)

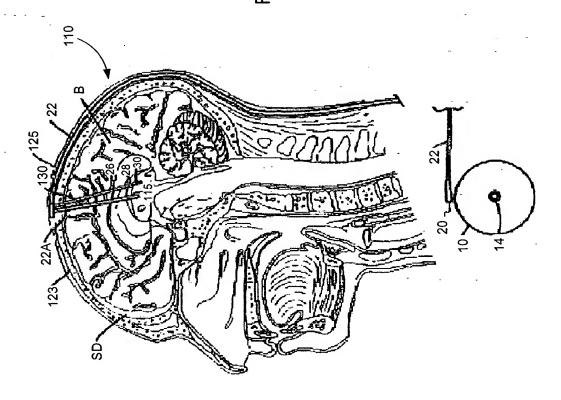
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FIG. 12

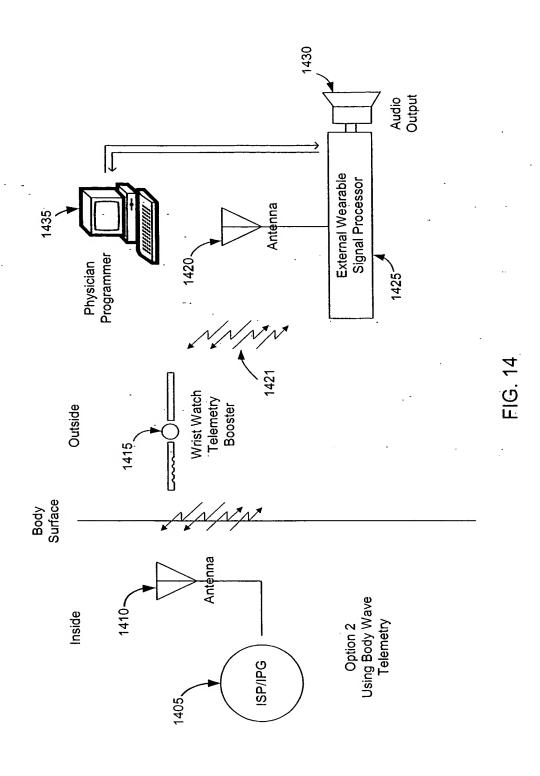


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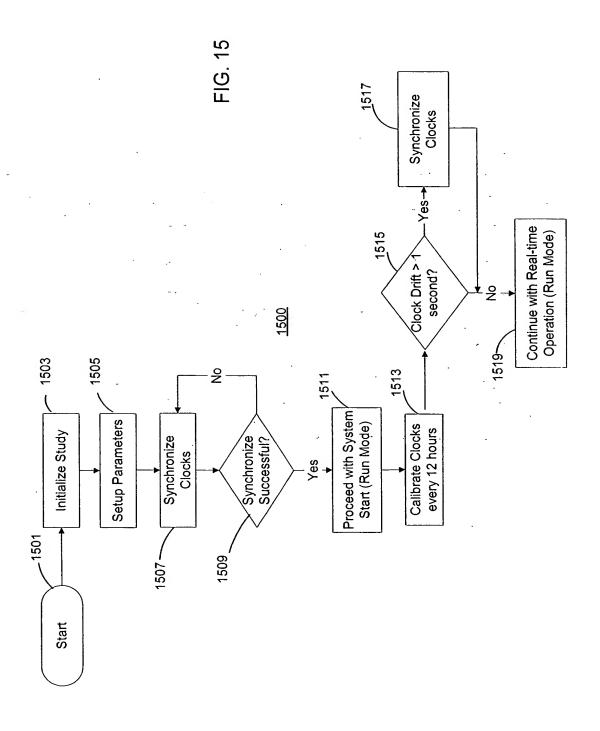
FIG. 13

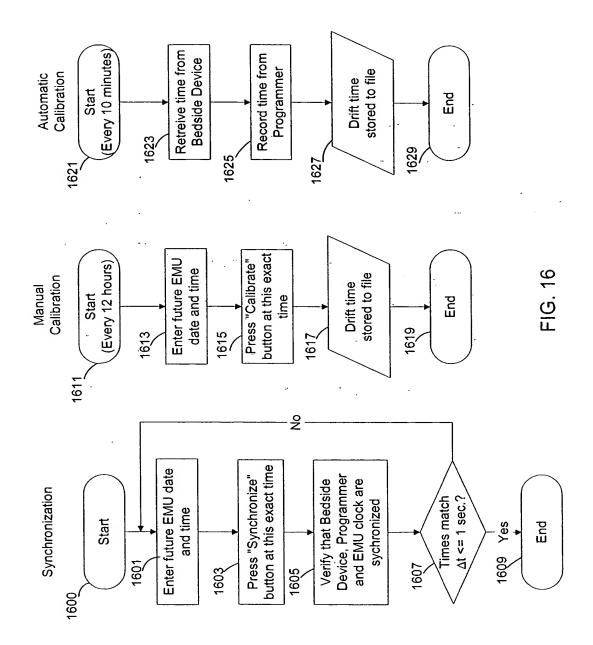


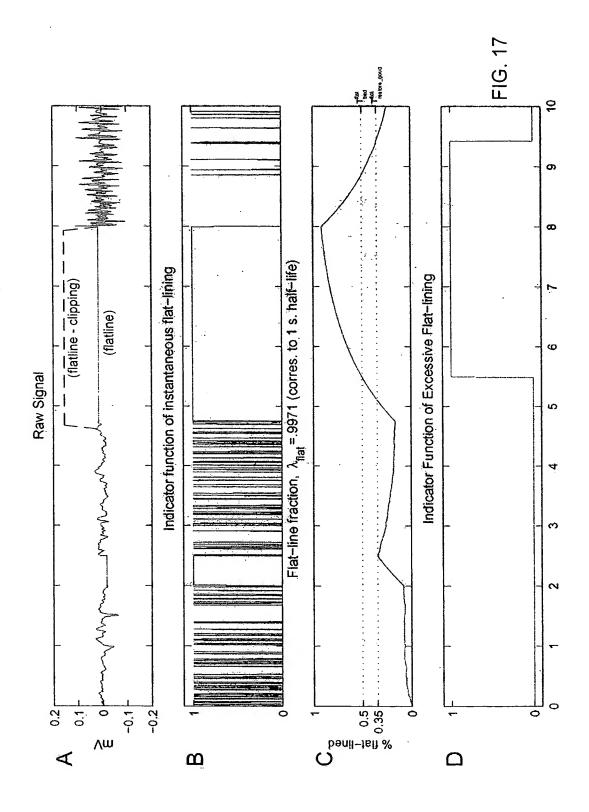
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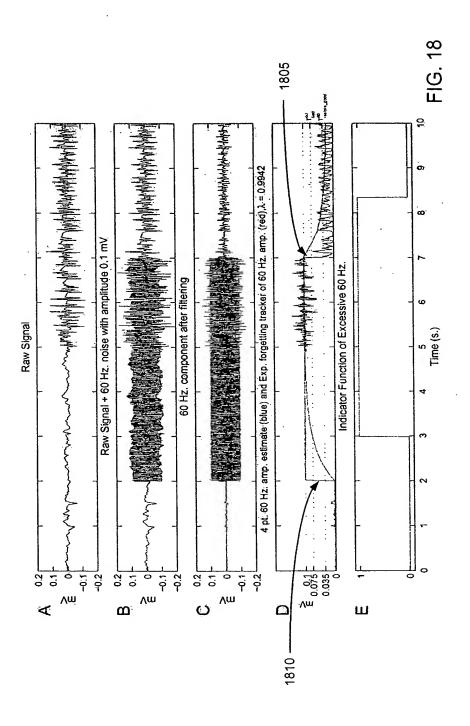


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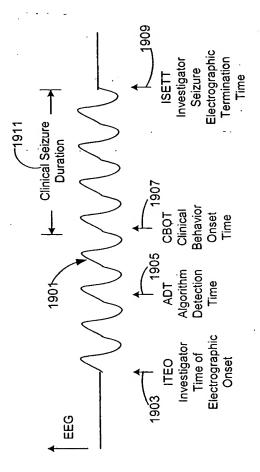
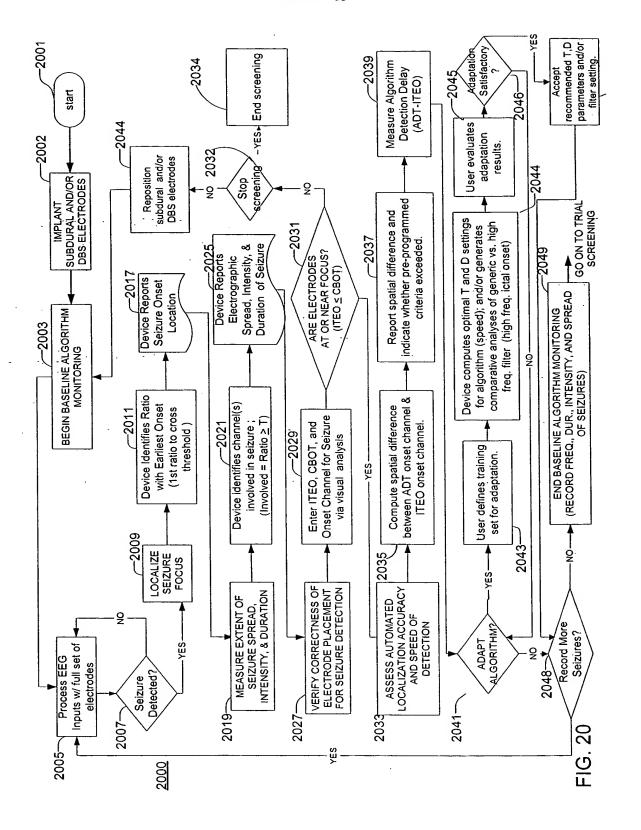
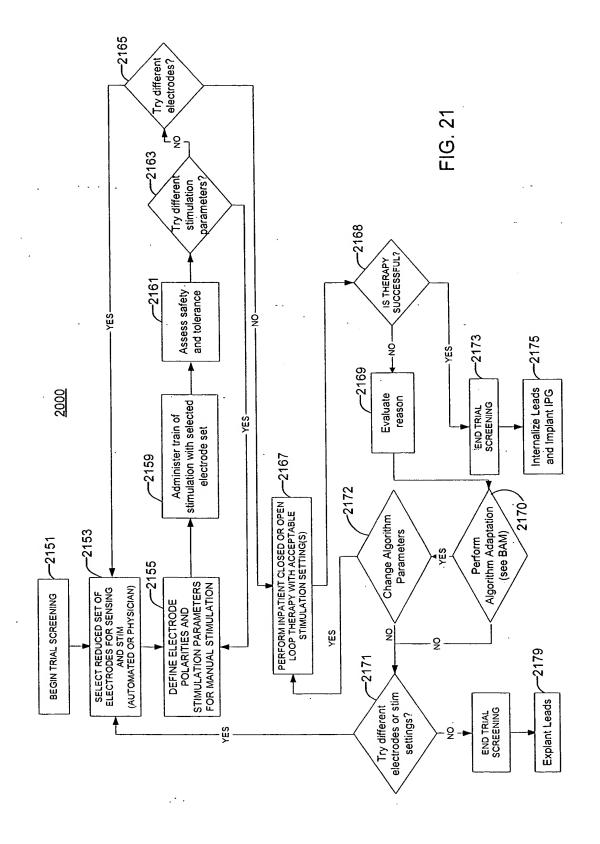


FIG. 19

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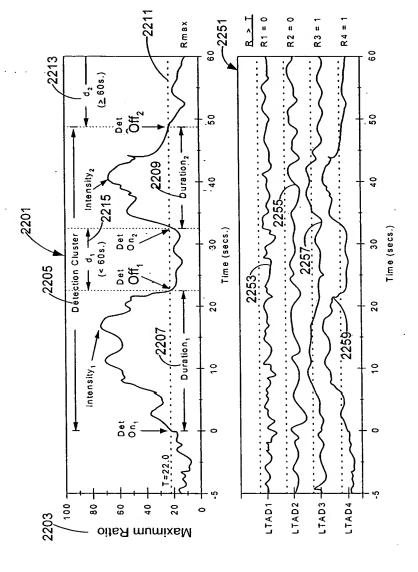
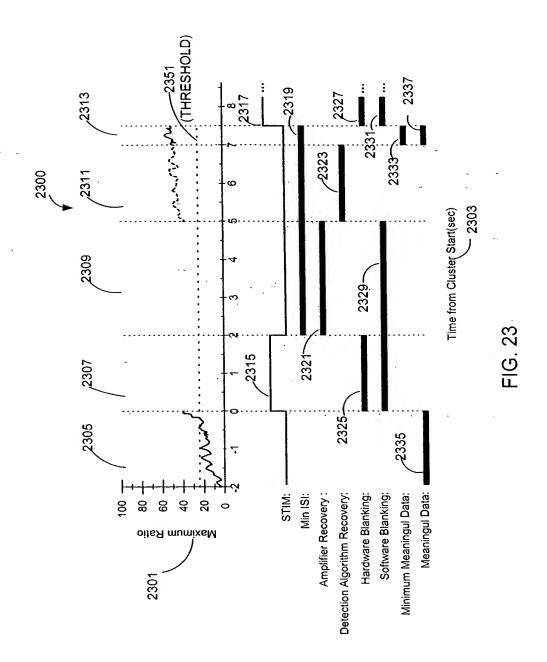


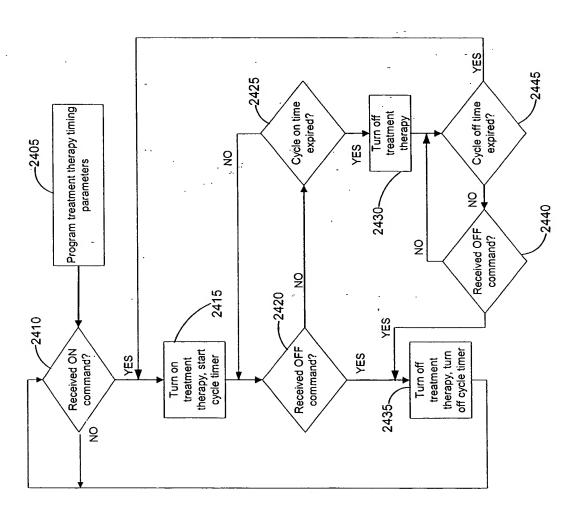
FIG. 22 (Clustering)

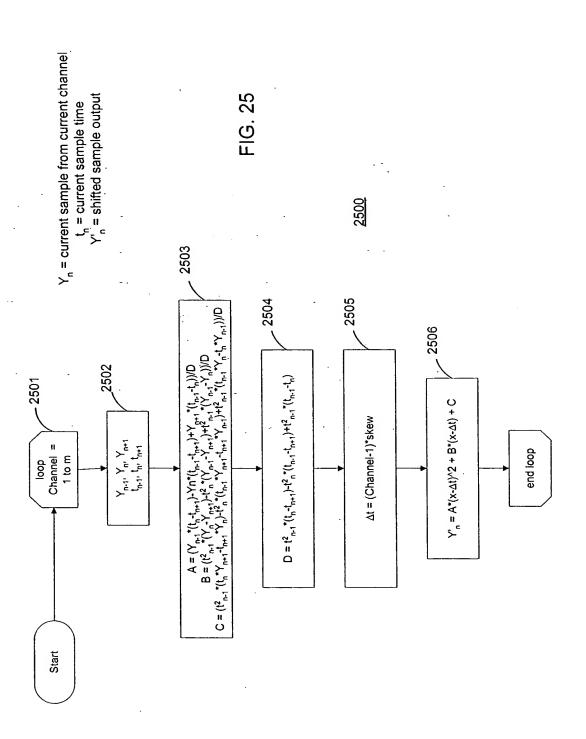
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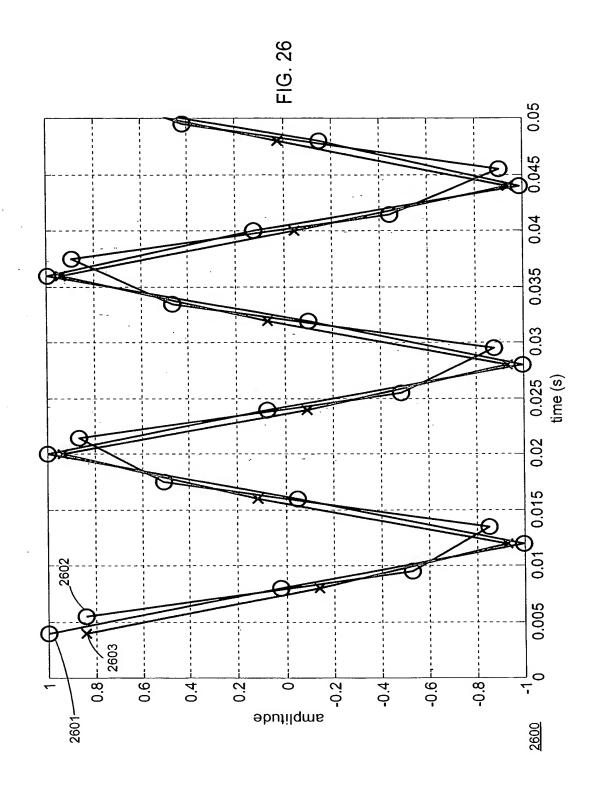
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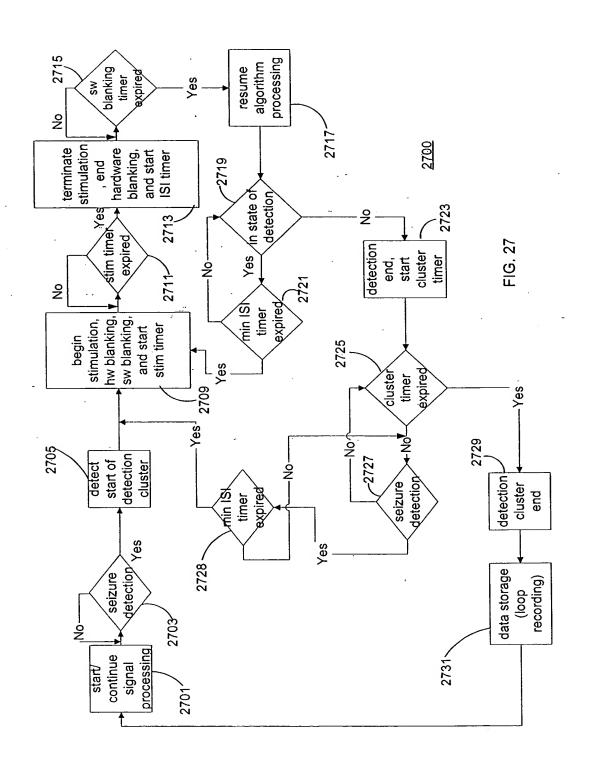
FIG. 24





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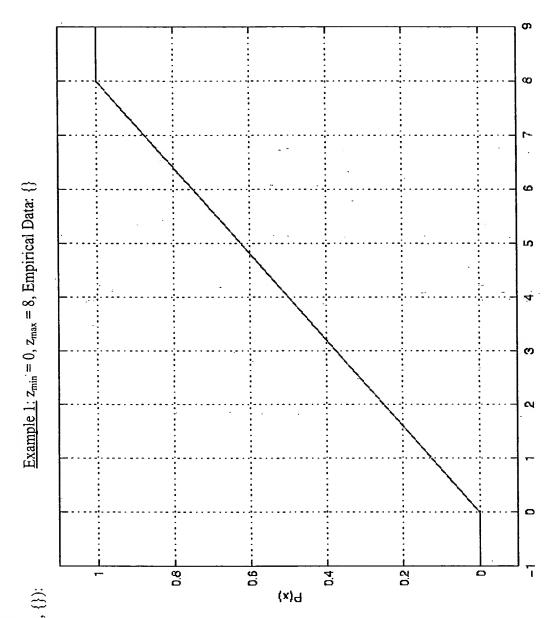
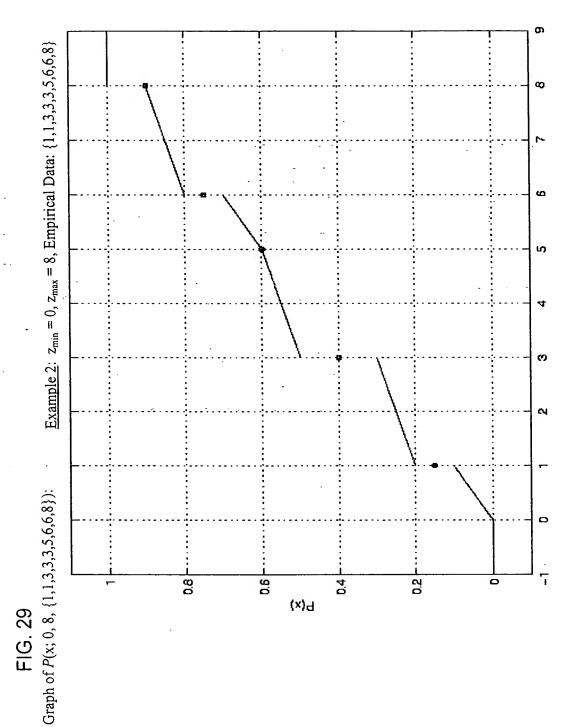
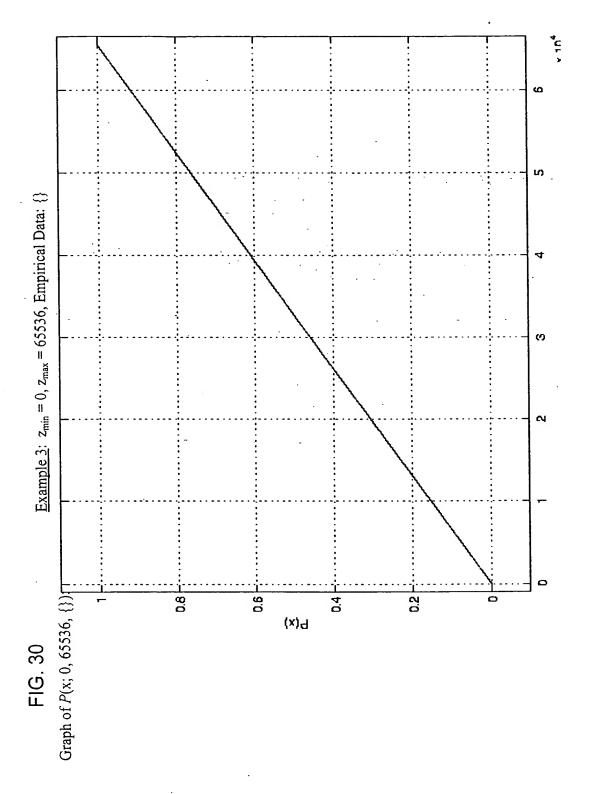


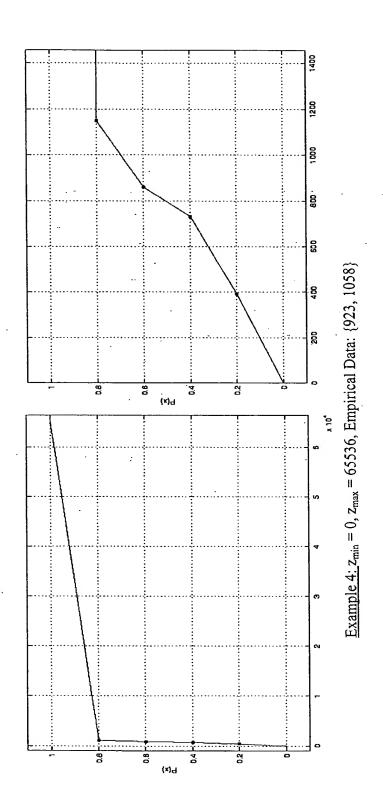
FIG. 28
Graph of *P*(x; 0, 8, {}):

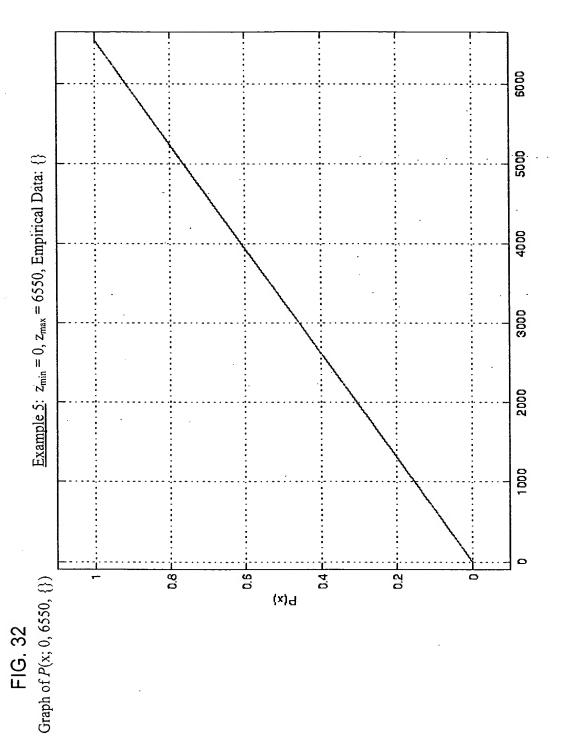


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Graph of $P(x; 0, 65536, \{round([35.2, 41.3, 18.9, 55.1]*(250/12))\}) = P(x; 0, 65536, \{394, 733, 860, 1148\})$





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 $z_{\rm min} = 0, \, z_{\rm max} = 6550, \, {\rm Empirical~Data:} \, \{34.7, \, 103.1, \, 115.6, \, 189.9 \}$ Graph of P(x; 0, 6550, {34.7, 103.1, 115.6, 189.9}) (x)d 140 Example 6: 8 0.2